

ABSTRACT

The present disclosure relates to electronic system and methods for switching a driving mode of a vehicle. The electronic system may include at least one sensor configured to connect to a driving system of a vehicle; at least one gateway module connected to the at least one sensor through a controller area network; and processing circuits connected to the at least one gateway module. During operation, the processing circuits may receive at least one trigger signal from the at least one sensor; determine that the at least one trigger signal meets a predetermined condition; and send at least one switching signal to the gateway module to switch the vehicle from a current driving mode to a target driving mode.

(Fig. 6)